

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Madison et al.**

Serial No.: **10/099,700**

Filed: **March 13, 2002**

For: **NUCLEIC ACID MOLECULES
ENCODING A TRANSMEMBRANE
SERINE PROTEASE 7, THE
ENCODED POLYPEPTIDES AND
METHODS BASED THEREON**

Art Unit: **1645**

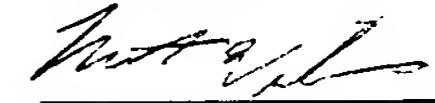
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Date of Deposit May 24, 2002

I hereby certify that this paper is being deposited
with the United States Postal "Express Mail Post
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§1.10 on the date indicated above and
addressed to:
Commissioner for Patents
Box Missing Parts
P.O. Box 2327,
Arlington, VA 22202, on this date.

05/24/2002
Date



Robert Wickman

RESPONSE TO NOTICE TO FILE MISSING PARTS

Commissioner for Patents
Box Missing Parts
P.O. Box 2327,
Arlington, VA 22202

Sir:

In response to the Notice to File Missing Parts mailed **April 24, 2002**, the
following documents are submitted herewith:

- 1) A copy of the Notice to File Missing Parts;
- 2) Two (2) executed Declaration(s) for Patent Application;
- 3) Two (2) Assignments from the inventors to **Corvas International, Inc.**
along with a Recordation Form Cover Sheet;
- 4) Executed Verified Statement Pursuant to 37 § C.F.R. 1.821(f);
- 5) Computer Readable Form (CRF) of Sequence Listing;
- 6) A check in the amount of \$105 which includes the \$65 small entity
surcharge and \$40 assignment recordation fee;
- 7) Return postcard.

U.S.S.N. 10/099,700

Madison et al.

RESPONSE TO NOTICE TO FILE MISSING PARTS

- The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRLMAN WHITE & McAULIFFE LLP

By: _____

Stephanie Seidman
Registration No. 33,779

Attorney Docket 24745-1613

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UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/099,700

03/13/2002

Edwin Madison

24745-1613

CONFIRMATION NO. 4309

FORMALITIES LETTER



OC00000007933126

Stephanie Seidman
Heller Ehrman White & McAuliffe LLP
7th Floor
4350 La Jolla Village Drive
San Diego, CA 92122

Date Mailed: 04/24/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Items Required To Avoid Processing Delays:

06/07/2002 ABIZUNES 00000010 10099700
01 FC:205

65.00 0P

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.
-

*A copy of this notice **MUST** be returned with the reply.*

AS
Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

**RAW SEQUENCE LISTING
ERROR REPORT**



**COPY OF PAPERS
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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/099,700
Source: 01PE
Date Processed by STIC: 4/3/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

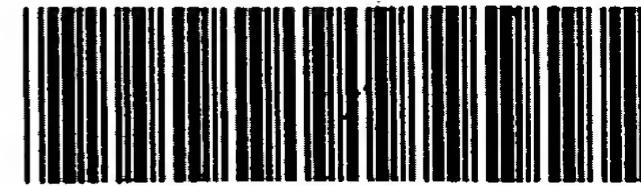
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202**
3. **Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202**
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Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/099,700

DATE: 04/03/2002
TIME: 14:38:32

Input Set : A:\1613seq.001
Output Set: N:\CRF3\04032002\J099700.raw

3 <110> APPLICANT: Edwin L. Madison
4 Edgar O. Ong
6 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE
PROTEASE 7, THE
7 ENCODED POLYPEPTIDES AND METHODS BASED THEREON
9 <130> FILE REFERENCE: 24745-1613
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/099,700
C--> 12 <141> CURRENT FILING DATE: 2002-03-13
14 <150> PRIOR APPLICATION NUMBER: 60/275,592
15 <151> PRIOR FILING DATE: 2001-03-13
17 <160> NUMBER OF SEQ ID NOS: 22
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

983 <210> SEQ ID NO: 21
984 <211> LENGTH: 35 → Input 35, counted 36!
985 <212> TYPE: DNA
986 <213> ORGANISM: Artificial Sequence
988 <220> FEATURE:
989 <223> OTHER INFORMATION: Primer
991 <400> SEQUENCE: 21
E--> 992 attcgcgcc gcctacatac cagtcttga ggcaat

35

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/099,700

DATE: 04/03/2002
TIME: 14:38:33

Input Set : A:\1613seq.001
Output Set: N:\CRF3\04032002\J099700.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:992 M:254 E: No. of Bases conflict, LENGTH:Input:35 Counted:36 SEQ:21
L:992 M:252 E: No. of Seq. differs, <211>LENGTH:Input:35 Found:36 SEQ:21